

1. A method for processing messages in a computer system, comprising:

 sending a message to a location designated to receive said message, said message comprising a request identifier specifying a request said message corresponds to and a sequence identifier indicating where in a processing sequence of said request said message belongs; and

 retrieving said message from said location.

2. The method of claim 1, wherein said sending comprises using a send function to send said message to said location, said send function including a parameter indicating whether said request is a new request.

3. The method of claim 2, wherein said parameter indicates said request is a new request and said parameter further comprises a target parameter to receive results for said new request when processing for said new request is completed.

-53-

1 4. The method of claim 1, wherein said
2 retrieving comprises:

3 removing said request identifier and said
4 sequence identifier prior to retrieval of said
5 message.

1 5. The method of claim 1, further comprising
2 determining completion of said processing sequence.

1 6. The method of claim 1, wherein said
2 retrieving comprises retrieving said message by a
3 process and said method further comprises said
4 process sending said message to one or more other
5 processes dynamically determined, by said process, to
6 receive said message.

00589566-060700

✓ 2.

1

~~of c
a s
ion,
ind~~

wher

-55-

1 10. The system of claim 7, wherein said means
2 for retrieving comprises:

3 means for removing said request identifier
4 and said sequence identifier prior to retrieval
5 of said message.

1 11. The system of claim 7, further comprising
2 means for determining completion of said processing
3 sequence.

1 12. The system of claim 7, wherein said means
2 for retrieving comprises means for retrieving said
3 message by a process and said system further
4 comprises said process sending said message to one or
5 more other processes dynamically determined, by said
6 process, to receive said message.

* * * * *

ADD A1

Add
B6Add
C7

002090-9958560